

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
 William M. Siu et al. ) Examiner: Not yet assigned  
 Serial No.: Not yet assigned ) Art Unit: Not yet assigned  
 Filed: Herewith )  
 For: INTEGRATED CIRCUIT DIE AND/OR PACKAGE )  
 HAVING A VARIABLE PITCH CONTACT ARRAY FOR )  
 MAXIMIZATION OF NUMBER OF SIGNAL LINES PER )  
 ROUTING LAYER )  
 Which is a Divisional of Application of: )  
 Serial No: 09/342,550 )  
 Filed: June 29, 1999 )  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

"Express Mail" mailing label number: EV 336 584 063 US

Date of Deposit: September 30, 2003

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to Mail Stop New Patent Application, COMMISSIONER FOR PATENTS, P.O. Box 1450, Alexandria, VA 22313-1450

TERESA EDWARDS  
 (Typed or printed name of person mailing paper or fee)

Teresa Edwards  
 (Signature of person mailing paper or fee)

September 30, 2003  
 (Date signed)

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

☒ 37 C.F.R. §1.97(b).

☐ 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:

☐ A statement pursuant to 37 C.F.R. §1.97(e) or

☐ A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).

☐ 37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:

- (1) A statement pursuant to 37 C.F.R. §1.97(e); and
- (2) A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

[illegible]

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>Substitute for Form 1449/PTO</b>  <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	Not yet assigned
				Filing Date	Herewith
				First Named Inventor:	William M. Siu et al.
				Art Unit	Unknown
				Examiner Name	Unknown
Sheet	1	of	2	Attorney Docket Number	042390P6107

  

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (If known)				
		US-	5,729,894	3/24/1998	Rostoker et al.	
		US-	5,491,364	2/13/1996	Brandenburg et al.	
		US-	5,324,985	6/28/1994	Hamada et al.	
		US-	5,952,726	9/14/1999	Liang	
		US-	5,173,744	2/3/1998	Laub	
		US-	5,702,256	12/30/1997	Severn	
		US-	5,686,699	11/11/1997	Chu et al.	
		US-	5,468,994	11/21/1995	Pendse	
		US-	5,463,191	10/31/1995	Bell et al.	
		US-	5,309,024	5/3/1994	Hirano	
		US-	5,091,822	2/25/1992	Takashima	
		US-	5,089,881	2/18/1992	Panicker	
		US-	4,495,377	1/22/1985	Johnson et al.	
		US-	5,686,764	11/97	Fulcher	
		US-				

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS.  
**SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.